Gas Accord III Settlement Agreement

August 27, 2004

APPENDIX B

Detailed Rate Tables

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Table 1
Illustrative End-Use Class Average Rates (\$/dth

	Present Rates 2004	Settlement Rates 2005	% Change
Core Retail Bundled Service (b)			
Residential	9.099	9.141	0.5%
Small Commercial	8.524	8.564	0.5%
Large Commercial	7.273	7.301	0.4%
Core Average	8.957	8.998	0.5%
Core Retail Transport-Only (c)			
Residential	3.617	3.586	-0.9%
Small Commercial	3.070	3.039	-1.0%
Large Commercial	2.042	2.011	-1.5%
Core Transport Average	3.434	3.396	-1.1%
Wholesale Transportation-Only (c)			
Alpine Natural Gas	0.326	0.260	-20.5%
Coalinga	0.330	0.252	-23.8%
Island Energy	0.596	0.451	-24.4%
Palo Alto	0.219	0.187	-14.8%
West Coast Gas - Castle	0.615	0.462	-24.8%
West Coast Gas - Mather	0.407	0.260	-36.1%
Wholesale Transportation Average	0.239	0.201	-16.0%
Noncore Retail Transportation-Only (c)			
Industrial - Distribution	1.121	1.112	-0.9%
Industrial - Transmission	0.476	0.416	-12.6%
Industrial - Backbone	0.476	0.237	-50.2%
Electric Generation - Distribution/Transmission	0.205	0.193	-5.8%
Electric Generation - Backbone	0.205	0.045	-78.1%
Noncore Transportation Average	0.367	0.303	-17.2%

- a) Present 2004 rates are based on PG&E's 1999 General Rate Case (GRC) Decision 00-02-046, the Gas Accord Decision 03-12-061, the 2000 BCAP Decision 01-11-001 and 2004 True-Up Filings (Advice 2498-G, 2508-G, and 2514B-G) for the period beginning April 1, 2004. For consistency in rates comparison purposes, present rates and other rate components not addressed in this case, have been held consistent with the rates filed in the March 19, 2004 Application.
- b) PG&E's bundled gas service is for core customers only. Intrastate backbone transmission and storage costs addressed in this proceeding, are included in end use rates paid by bundled core customers. Bundled service also includes a procurement cost for gas purchases, transportation on Canadian and Interstate pipelines, and core brokerage. An illustrativ weighted average cost of gas (WACOG) of \$4.44 is assumed in all present and proposed bundled core rates. Core bundled rates also includes the cost of transportation and delivery of gas from the citygate to the customer's burnertip, including local transmission, distribution, customer access, public purpose, and customer class charges.
- c) PG&E's transportation-only gas service is for core and noncore customers. Transportation-only service begins at PG&E's citygate and includes the applicable costs of gas transportation and delivery on PG&E's local transmission, including distribution, customer access, public purpose programs and customer class charges. Transportation-only rates exclude backbone transmission and storage costs.
- d) Actual transportation rates will vary depending on the customer's load factor and seasonal usage. The rates shown here ar averages for each class.
- e) Dollar difference are due to rounding.

Table 2
2005 Rate Detail By End-Use Customer Class, Including Illustrative Components
(\$/dth)

	Core (a)			Noncore Transportation					
	• •			Indu	Industrial			Electric Gen	
	Res	Small Comm	Large Comm	Dist	Trans	BB	D/T	BB	
Transportation Charges:							####		
Local Transmission	0.342	0.342	0.342	0.148	0.148	0.000	0.148	0.000	
Customer/ Customer Access Charge (b)	0.000	0.358	0.070	0.082	0.021	0.021	0.009	0.009	
Gas Public Purpose Program Surcharge	0.302	0.266	0.669	0.192	0.180	0.180	0.000	0.000	
CPUC FEE	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007	
Customer Class Charge	0.077	0.079	0.083	(0.004)	0.028	0.028	0.022	0.022	
Distribution (c)	2.858	1.986	0.840	0.686	0.031	0.000	0.006	0.006	
Total Transportation Rate	3.586	3.039	2.011	1.112	0.416	0.237	0.193	0.045	

Procurement Charges for Core Bundled Customers:

Storage	0.139	0.132	0.096
Backbone Capacity	0.163	0.157	0.105
Backbone Usage	0.061	0.061	0.061
WACOG (d)	4.436	4.436	4.436
Interstate Capacity and Other	0.755	0.738	0.591
Total Core Procurement	5.555	5.525	5.289
Total Core Bundled Rates	9.141	8.564	7.301

Wholesale Transportation

			Island	Palo	WCG	WCG
Transportation Charges:	<u>Alpine</u>	Coalinga	Energy	Alto	Castle	Mather
Local Transmission	0.148	0.148	0.148	0.148	0.148	0.148
Customer/ Customer Access Charge (b)	0.089	0.082	0.280	0.017	0.292	0.090
Gas Public Purpose Program Surcharge	0.000	0.000	0.000	0.000	0.000	0.000
Customer Class Charge	0.022	0.022	0.022	0.022	0.022	0.022
Total Transportation Rate	0.260	0.252	0.451	0.187	0.462	0.260

- a) Class average rates reflect load shape for bundled core.
- b) Customer access and customer charges represent the class average volumetric equivalent of the monthly charge.
- c) Distribution rates represent the annual class average.
- d) Reflects the \$4.44/dth WACOG, adjusted for intrastate backbone usage charges.
- e) Dollar difference are due to rounding.

Table 3 Firm Backbone Transportation Annual Rates (AFT) -- SFV Rate Design

On-System Transportation Service

	•	GA II 2004	i i	July 14, 2004 Testimony	2005	2006	2007
Redwood - Core Reservation Charge Usage Charge Total	(\$/dth/mo) (\$/dth) (\$/dth @ Full Contract)	3.846 0.002 0.129		5.189 0.012 0.182	4.474 0.014 0.161	4.905 0.014 0.176	4.906 0.014 0.176
Redwood Path Reservation Charge Usage Charge Total	(\$/dth/mo) (\$/dth) (\$/dth @ Full Contract)	9.060 0.002 0.300	: ! !	9.725 0.005 0.325	9.171 0.008 0.309	9.349 0.008 0.315	9.355 0.008 0.315
Baia Path Reservation Charge Usage Charge Total	(\$/dth/mo) (\$/dth) (\$/dth @ Full Contract)	5.722 0.004 0.192	 	9.459 0.013 0.324	8.010 0.015 0.279	8.917 0.015 0.309	8.923 0.015 0.309
Silverado and Mission Reservation Charge Usage Charge Total	Paths (\$/dth/mo) (\$/dth) (\$/dth @ Full Contract)	3.452 0.001 0.115		5.053 0.004 0.170	4.412 0.007 0.152	4.629 0.007 0.159	4.632 0.007 0.159

- a) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, customer class charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- b) Backbone transmission charges are based on a 74, 75, 76.5 percent load factor for 2005, 2006, and 2007 respectively.
- c) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- d) Customers delivering gas to storage pay the applicable backbone transmission on-system rate from Redwood, Baja and Silverado.
- e) Dollar difference are due to rounding.

Table 4 Firm Backbone Transportation

Annual Rates (AFT) – MFV Rate Design On-System Transportation Service

	-	GA II 2004	_	uly 14, 2004 Testimony	2005	2006	2007
Redwood - Core							
Reservation Charge	(\$/dth/mo)	2.962	!	4.049	3.378	3.802	3.803
Usage Charge	(\$/dth)	0.031	1	0.049	0.050	0.051	0.051
Total	(\$/dth @ Full Contract)	0.129	į	0.182	0.161	0.176	0.176
Redwood Path							
Reservation Charge	(\$/dth/mo)	5.357	i	5.822	5.406	5.559	5.562
Usage Charge	(\$/dth)	0.124	i	0.133	0.132	0.132	0.133
Total	(\$/dth @ Full Contract)	0.300	i i	0.325	0.309	0.315	0.315
Baja Path							
Reservation Charge	(\$/dth/mo)	4.468	1	7.317	5.941	6.834	6.838
Usage Charge	(\$/dth)	0.045	İ	0.083	0.083	0.084	0.084
Total	(\$/dth @ Full Contract)	0.192	 -	0.324	0.279	0.309	0.309
Silverado and Mission	Paths						
Reservation Charge	(\$/dth/mo)	2.498	ı	3.550	3.024	3.232	3.234
Usage Charge	(\$/dth)	0.033	Į	0.053	0.052	0.053	0.053
Total	(\$/dth @ Full Contract)	0.115	!	0.170	0.152	0.159	0.159

- a) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, customer class charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- b) Backbone transmission charges are based on a 74, 75, 76.5 percent load factor for 2005, 2006, and 2007 respectively.
- c) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- d) Customers delivering gas to storage pay the applicable backbone transmission on-system rate from Redwood, Baja and Silverado.
- e) Dollar difference are due to rounding.

Table 5 Firm Backbone Transportation

Seasonal Rates (SFT) - SFV Rate Design

On-System Transportation Service

	-	GA II 2004	1	July 14, 2004 Testimony	2005	2006	2007
Redwood Path Reservation Charge Usage Charge Total	(\$/dth/mo) (\$/dth) (\$/dth @ Full Contract)	10.871 0.002 0.360	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	11.670 0.006 0.390	11.004 0.009 0.371	11.219 0.009 0.378	11.225 0.009 0.378
Baja Path Reservation Charge Usage Charge Total	(\$/dth/mo) (\$/dth) (\$/dth @ Full Contract)	6.866 0.004 0.230	: 	11.351 0.015 0.389	9.612 0.018 0.334	10.701 0.019 0.370	10.707 0.019 0.371
Silverado Path Reservation Charge Usage Charge Total	(\$/dth/mo) (\$/dth) (\$/dth @ Full Contract)	4.142 0.002 0.138	 	6.063 0.005 0.204	5.294 0.008 0.182	5.555 0.008 0.191	5.559 0.008 0.191

- a) Firm Seasonal rates are 120 percent of Firm Annual rates.
- b) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, customer class charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- c) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- d) Customers delivering gas to storage pay the applicable backbone transmission on-system rate from Redwood, Baja and Silverado.
- e) Firm seasonal service is available to on-system paths for a minimum term of three consecutive months in one season. Winter season is November through March. Summer season is April through October.
- f) Dollar difference are due to rounding.

Table 6 Firm Backbone Transportation

Seasonal Rates (SFT) - MFV Rate Design

On-System Transportation Service

		GA II 2004	. !	July 14, 2004 Testimony	2005	2006	2007
Redwood Path							
Reservation Charge	(\$/dth/mo)	6.428	-	6.987	6.486	6.671	6.675
Usage Charge	(\$/dth)	0.148	-	0.160	0.158	0.159	0.159
Total	(\$/dth @ Full Contract)	0.360	ļ	0.390	0.371	0.378	0.378
Baja Path							
Reservation Charge	(\$/dth/mo)	5.361	i	8.780	7.129	8.201	8.206
Usage Charge	(\$/dth)	0.054	-	0.100	0.100	0.101	0.101
Total	(\$/dth @ Full Contract)	0.230	į	0.389	0.334	0.370	0.371
Silverado Path							
Reservation Charge	(\$/dth/mo)	2.997	1	4.260	3.629	3.878	3.881
Usage Charge	(\$/dth)	0.039	i	0.064	0.063	0.063	0.063
Total	(\$/dth @ Full Contract)	0.138	İ	0.204	0.182	0.191	0.191

- a) Firm Seasonal rates are 120 percent of Firm Annual rates.
- b) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, customer class charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- c) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- d) Customers delivering gas to storage pay the applicable backbone transmission on-system rate from Redwood, Baja and Silverado.
- e) Firm seasonal service is available to on-system paths for a minimum term of three consecutive months in one season. Winter season is November through March. Summer season is April through October.
- f) Dollar difference are due to rounding.

Table 7 As-Available Backbone Transportation On-System Transportation Service (AA)

		GA II 2004		July 14, 2004 Testimony	2005	2006	2007
Redwood Path Usage Charge	(\$/dth)	0.360	i	0.390	0.371	0.378	0.378
Baja Path Usage Charge	(\$/dth)	0.230	ŀ	0.389	0.334	0.370	0.371
<u>Silverado Path</u> Usage Charge	(\$/dth)	0.138	!	0.204	0.182	0.191	0.191
Mission Path Usage Charge	(\$/dth)	0.000	:	0.000	0.000	0.000	0.000

- a) As-Available rates are 120 percent of Firm Annual rates.
- b) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, customer class charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- c) Mission path service represents on-system storage to on-system transportation. Customers delivering gas to storage facilities pay the applicable backbone transmission on-system rate from Redwood, Baja or Silverado.
- d) Dollar difference are due to rounding.

Table 8 Backbone Transportation Annual Rates (AFT-Off) Off-System Deliveries

		GA II 2004	ļ	July 14, 2004 Testimony	2005	2006	2007
SFV Rate Design	-		•				
Redwood, Silverado and M	Aission Paths Off	-Svstem					
Reservation Charge	(\$/dth/mo)	9.060	- 1	9.725	9.171	9.349	9.355
Usage Charge	(\$/dth)	0.002	i	0.005	0.008	0.008	0.008
Total	(\$/dth @ Full Contract)	0.300	-	0.325	0.309	0.315	0.315
Baja Path Off-System	·		•				
Reservation Charge	(\$/dth/mo)	5.722	į	9.459	8.010	8.917	8.923
Usage Charge	(\$/dth)	0.004	ļ.	0.013	0.015	0.015	0.015
Total	(\$/dth @ Full Contract)	0.192	i	0.324	0.279	0.309	0.309
MFV Rate Design			•				
Redwood, Silverado and N	lission Paths Off	-System					
Reservation Charge	(\$/dth/mo)	5.357	ļ	5.822	5.406	5.559	5.562
Usage Charge	(\$/dth)	0.124	!	0.133	0.132	0.132	0.133
Total	(\$/dth @ Full Contract)	0.300	į	0.325	0.309	0.315	0.315
Baja Path Off-System	•		•				
Reservation Charge	(\$/dth/mo)	4.468	i	7.317	5.941	6.834	6.838
Usage Charge	(\$/dth)	0.045	i	0.083	0.083	0.084	0.084
Total	(\$/dth @ Full Contract)	0.192	!	0.324	0.279	0.309	0.309
As-Available Service			•				
Redwood, Silverado, and I	Mission Paths, (F	rom Citya	ate) C	Off-System			
Usage Charge	(\$/dth)	0.360	í	0.390	0.371	0.378	0.378
Mission Paths (From on-s)	/stem storage) O	ff-Svstem					
Usage Charge	(\$/dth)	0.360	i	0.390	0.000	0.000	0.000
Baja Path Off-System							
Usage Charge	(\$/dth)	0.230	i	0.389	0.334	0.370	0.371

- Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, customer class charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- b) Backbone transmission charges are based on a 74, 75, 76.5 percent load factor for 2005, 2006, and 2007 respectively.
- c) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- d) Except for as-available service from on-system storage to off-system, California gas and storage to off-system are assumed to flow on Redwood path and are priced at the Redwood path rate.
- e) Dollar difference are due to rounding.

Table 9 Firm Transportation

Expansion Shippers - Annual Rates (G-XF)
SFV Rate Design
Off-System Deliveries

SFV Rate Design		GA II 2004	July 14, 2004 Testimony	2005	2006	2007
Reservation Charge Usage Charge Total	(\$/dth/mo) (\$/dth) (\$/dth @ Full Contract)	7.900 0.001 0.261	7.461 0.001 0.246	7.414 0.001 0.245	7.136 0.001 0.236	6.846 0.001 0.226

- a) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, customer class charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- b) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- c) G-XF charges are based on the embedded cost of Line 401 and a 95 percent load factor.
- d) Dollar difference are due to rounding.

Table 10 <u>Storage Services</u>

Core Firm Stores (C.CFS)		GA II 2004	į	July 14, 2004 Testimony	2005	2006	2007
Core Firm Storage (G-CFS) Reservation Charge	(\$/dth/mo)	0.096	ļ	0.107	0.104	0.107	0.109
Standard Firm Storage (G-SFS) Reservation Charge	(\$/dth/mo)	0.118	1	0.132	0.128	0.133	0.135
Negotiated Firm Storage (G-NF)	S)						
Injection	(\$/dth/d)	13.707	:	15.266	14.826	15.365	15.672
Inventory	(\$/dth/mo)	1.421	ł	1.582	1.537	1.593	1.624
Withdrawal	(\$/dth/d)	10.334	į	11.509	11.178	11.584	11.815
Negotiated As-Available Storag	e (G-NAS) - N	Aaximum Ra	te				
Injection	(\$/dth/d)	13.707	-i	15.266	14.826	15.365	15.672
Withdrawal	(\$/dth/d)	10.334	i	11.509	11.178	11.584	11.815
Market Center Services (Parking	g and Lendin	g Services)					
Maximum Daily Charge (\$/Dt		0.820	i	0.946	0.921	0.953	0.972
Minimum Rate (per transaction	on)	\$ 57.00	į	\$ 57.00	\$ 57.00	\$ 57.00	\$ 57.00

- a) Rates for storage services are based on the costs of storage injection, inventory and withdrawal.
- b) Core Firm Storage (G-CFS) and Standard Firm Storage (G-SFS) rates are a monthly reservation charge designed to recover one twelfth of the annual revenue requirement of injection, inventory and withdrawal storage.
- c) Negotiated Firm rates may be one-part rates (volumetric) or two-part rates (reservation and volumetric), as negotiated between parties. The volumetric equivalent is shown above.
- d) Negotiated As-Available Storage Injection and Withdrawal rates are recovered through a volumetric charge only.
- e) Negotiated rates (NFS and NAS) are capped at the price which will collect 100 percent of PG&E's total revenue requirement for the unbundled storage program under all three subfunctions (e.g. inventory, injection, or withdrawal). The maximum rates are based on a rate design assuming an average injection period of 30 days and an average withdrawal period of 7 days.
- f) Negotiated Firm and As-available services are negotiable above a price floor representing PG&E's marginal costs of providing the service.
- g) The maximum charge for parking and lending is based on the annual cost of cycling one dth of Firm Storage Gas assuming the full 214 day injection season and 151 day withdrawal season.
- h) Gas Storage shrinkage will be applied in-kind on storage injections.
- i) Dollar difference are due to rounding.

Table 11 Local Transmission Rates (\$/dth)

	GA II 2004	į	July 14, 2004 Testimony	2005	2006	2007
Core Retail	0.367	I	0.317	0.342	0.312	0.312
Noncore Retail and Wholesale	0.157	!	0.137	0.148	0.135	0.135

Notes:

a) Dollar difference are due to rounding.

Table 12 <u>Customer Access Charges</u>

		GA II 2004	. 1	ily 14, 2004 estimony	2005	2006	2007
G-EG / G-NT							
Transmission	on and Distribution						
_	(Therms/Month)						
Tier 1	0 to 5,000	\$30 .12	į	\$ 65.05	\$ 62.72	\$ 64.24	\$ 65.52
Tier 2	5,001 to 10,000	\$237.27	į	\$ 192.34	\$ 185.46	\$ 189.93	\$ 193.73
Tier 3	10,001 to 50,000	\$900 .15	i	\$ 354.60	\$ 341.91	\$ 350.15	\$ 357.16
Tier 4	50,001 to 200,000	\$2,372.80	į	\$ 464.85	\$ 448.21	\$ 459.02	\$ 468.20
Tier 5	200,001 to 1,000,000	\$3,397.26	i	\$ 671.72	\$ 647.68	\$ 663.30	\$ 676.56
Tier 6	1,000,001 and above	\$9,875.46	į	\$ 2,516.48	\$5,450.83	\$ 5,582.25	\$5,693.90
Tier 6	Usage Charge \$/dth	\$ -	1	\$ 0.006	\$ -	\$ -	\$ -
Wholesale (\$/	month)						
Alpine		\$524.45	ļ	\$ 331.56	\$ 319.69	\$ 327.40	\$ 333.95
Coalinga		\$2,608.37	i	\$ 1,466.42	\$1,413.93	\$ 1,448.02	\$1,476.98
Island Energ	99	\$1,421.98	ļ	\$ 993.56	\$ 957.99	\$ 981.09	\$1,000.71
Palo Alto		\$11,144.58	i	\$ 4,889.36	\$4,714.35	\$ 4,828.01	\$4,924.57
West Coast	Gas - Castle	\$1,223.40	į	\$ 851.84	\$ 821.35	\$ 841.15	\$ 857.97
West Coast	Gas - Mather	\$1,894.90	i	\$ 778.46	\$ 750.59	\$ 768.69	\$ 784.06

Notes:

a) Dollar difference are due to rounding.

Table 13 Self Balancing Credit \$/dth

	GA II 	İ	July 14, 2004 Testimony	2005	2006	2007
Self Balancing Credit	(0.010)	į.	(0.011)	(0.010)	(0.011)	(0.011)

- a) Storage balancing costs are bundled in backbone rates. Customers or Balancing agents who elect self balancing on a daily basis can opt out of PG&E's monthly balancing program and receive a selfbalancing credit.
- b) Dollar difference are due to rounding.